NEW APPLICATION TRANSMITTAL

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 24, 2004 under "EXPRESS MAIL" mailing label number EV 44336 7566 US.

Janet M. Stevens

Transmitted herewith for filing is the patent application of:

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Title: GAS SENSOR

1. Papers enclosed

A. Required for filing date under 37 CFR 1.53(b) (Regular) are:

- 36 Page(s) of Specification
- 4 Page(s) of Claims
- 1 Page(s) of Abstract
- 17 Sheets of Formal Drawings (Figs. 1-17)

B. Other Papers Enclosed

- [x] A Patent Application Bibliographic Data Sheet
- [x] A Preliminary Amendment
- [x] A combined Declaration and Power of Attorney

22387 U.S. PTO 10/807859 [x] An Information Disclosure Statement

[x] PTO Form-1449

[x] An Assignment Transmittal and Assignment of the invention to:

NGK Insulators, Ltd. 2-56, Suda-Cho, Mizuho-Ku Nagoya-City, Aichi-Prefecture 467-8530 Japan

2. Additional Papers to Follow Under Separate Cover

[x] A Submission of Certified Copy of Priority Document and a certified copy of:

Country	Application Number	Filing Date
Japan	2003-096625	March 31, 2003
Japan	2004-072027	March 15, 2004

3. The correspondence address for this application is: Customer No. 025191

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4. Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i)

- [] Applicants hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.
- [] Applicants hereby request that the attached application **not** be published under 35 U.S.C. 122(b).

5. The filing fee has been calculated as shown below:

Basic Filing fee (37 CFR §1.16(a))				\$ 770.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	排紙
Total Claims	11 - 20 =	0	× \$ 18.00	\$.00
Independent Claims	1 - 3 =	0	× \$ 86.00	\$.00
MULTIPLE DEPENDE	NT CLAIM(S) (if applicab	le)	+ \$290.00	\$.00
Surcharge fees (37 C.F.R. 1.16(e)-\$130.00) [] late payment of filing fee and/or [] late filing of original declaration or oath				\$.00
TOTAL OF ABOVE CALCULATIONS =			\$ 770.00	

[]	Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.	\$.00
	SUBTOTAL =	\$ 770.00
a	Fee for processing an application filed with a specification in a non-English language (37 C.F.R. 1.17(i) and 1.52(d)-\$130.00)	\$.00
[x]	Assignment Fee (37 CFR §1.21(h)-\$40.00)	\$ 40.00
	TOTAL FEES DUE =	\$ 810.00

6. Payment of Fees and Authorization to Charge Additional Fees or Credit Overpayment

- [x] A check in the amount of \$810.00 is enclosed.
- [x] The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446. A duplicate copy of this sheet is enclosed.
 - [x] Any additional filing fees required under 37 CFR 1.16.
 - [x] Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

March 24, 2004

Date

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